

**South Carolina Department of Health and Environmental Control  
Bureau of Air Quality  
2600 Bull Street  
Columbia, SC 29201**

**APPLICATION FOR GENERAL PERMIT FOR HOT MIX ASPHALT PLANTS**

<b>Facility Name</b>	<hr/>
<b>Facility Location (Street Address)</b>	<hr/>
<b>Facility Location (County)</b>	<hr/>
<b>Mailing Address</b>	<hr/>
	<hr/>
<b>Billing Address</b>	<hr/>
	<hr/>
<b>Facility SIC Code</b>	<hr/>
<b>Current Bureau of Air Quality Permit Number</b>	<hr/>
<b>Technical Contact</b>	<hr/>
<b>Position</b>	<hr/>
<b>Phone Number of Contact</b>	<hr/>
<b>E-mail Address</b>	<hr/>
<b>Fax:</b>	<hr/>

**Applicability:**

These forms apply only to facilities as described below. Use of this application for any other purposes shall require prior approval from this Bureau of Air Quality (Bureau).

- 1) This general permit application covers hot mix asphalt plants. A hot mix asphalt plant is comprised of one or any combination of the following: Auxiliary heaters (including hot oil heaters) with a heat input rate less than  $10 \times 10^6$  (ten million) BTU per hour, dryers, systems for screening, handling, storing, and weighing hot aggregate, systems for loading, transferring, and storing mineral filler, systems for mixing hot mix asphalt; and the loading, transfer, and storage systems associated with emission control systems. Contaminated soil remediation is not covered.
- 2) The hot mix asphalt plant's total annual asphalt production is 493,515 tons per year or less for batch mix plants or 1,509,015 tons per year or less for drum mix plants.
- 3) This general permit application covers storage tanks subject to NSPS Subpart Kb providing all applicable notifications, monitoring, record keeping, and reporting requirements are met.
- 4) The general permit imposes operational restrictions which limit the facility's potential to emit to below applicable major source thresholds. Specifically, potential for PM<sub>10</sub>, SO<sub>2</sub>, CO and NO<sub>x</sub> emissions are less than 100 tons per year. Hazardous Air Pollutants (HAP) emissions are less than 10 tons per year individually or 25tons per year combined.

# APPLICATION FOR GENERAL PERMIT FOR HOT MIX ASPHALT PLANTS

Page 2 of 5

Please answer YES or NO.

Check or complete the appropriate answer(s):

A. GENERAL QUESTIONS:		YES	NO
Has this facility been previously permitted by the Bureau?			
Has this plant been reconstructed?			
Does this plant have a Lime silo? If yes, list in part G below.			
Is the hot oil heater(s) electric? If no, fill out part E & F below.			
<b>B. PLANT DATA:</b>			
Manufacturer's Name and Model Number:			
Original Date of Manufacture:			
Is this plant a Batch, Drum or Continuous mix operation?			
If plant uses reclaimed asphalt pavement (RAP), what is the max. % used?			
List any other alternatives or additives used in asphalt production.			
Example: Crushed tires			
What is the rated capacity of the dryer (tons/hr)?			
What was the date of the last air dispersion model approved by the Bureau?			
<b>C. DRYER BURNER DATA:</b>			
Manufacturer's Name and Model Number:			

## APPLICATION FOR GENERAL PERMIT FOR HOT MIX ASPHALT PLANTS

Page 3 of 5

The burner is rated at (BTU/hr):			
<b>D. CONTROL EQUIPMENT:</b>			
What kind of cleaning mechanism does the main baghouse use? Shaker, Reverse Air, Pulse jet or other?			
List the type, make, model number, and location of all control devices used at the plant: <b>CONTROL EQUIPMENT CONTINUED:</b>			
Location	Type	Make	Model No.
Example: Lime Silo	Baghouse	Stevens	SV-170

<b>E. FUEL BURNING INFORMATION (include fuel data for the burner in the dryer):</b>				
List the following:				
Fuel Combustion Source	Rated Heat Capacity (BTU/hr)	Manufacturer	Installation Date	Modification Date
Example: Hot Oil Heater	5 mm BTU/hr	Brooks	1977	
<b>F. FUEL DATA:</b>				
List the above fuel burning sources, the primary and secondary fuels used, and sulfur content:	Primary Fuel	Max. Sulfur content	Secondary Fuel	Max. Sulfur Content

APPLICATION FOR GENERAL PERMIT FOR HOT MIX ASPHALT PLANTS  
Page 4 of 5

Example: Hot Oil Heater	Natural Gas	0	No. 2 Fuel Oil	0.5

**G. OTHER EMISSIONS SOURCES:**

Are there any other units present which may be sources of applicable regulations? If so, please list and explain.


**H. STORAGE TANKS:**

List the capacity, the date installed, and all materials stored in tanks, fuel tanks or any other tanks on site. For units, list gallons, lbs or tons.

Materials Held	Capacity (units)	Installed
Example: No.2 Fuel Oil	10,000 Gallons	1977

**I. EXEMPT SOURCES OF EMISSIONS:**

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# APPLICATION FOR GENERAL PERMIT FOR HOT MIX ASPHALT PLANTS

Page 5 of 5


## J. MONITORING, RECORDKEEPING, AND REPORTING PLANS

Please describe the specific monitoring, recordkeeping (i.e., method of recordkeeping, type of measurement equipment, etc.) and reporting plans (as defined in Part 3.0, Section C of the general permit) to show compliance with the operational limitations of the general permit. Also, include an example calculation that will be used to determine emissions.

I certify, to the best of my knowledge and belief, that no undesirable levels of air pollutants will be created and no applicable standards and/or regulations will be contravened or violated. I understand that any statements and/or descriptions which are found to be incorrect may result in the immediate revocation of any permit issued pursuant to this application.

\_\_\_\_\_  
Name of Responsible Company Official

\_\_\_\_\_  
Position of Responsible Company Official

\_\_\_\_\_  
Date

03/15/01

